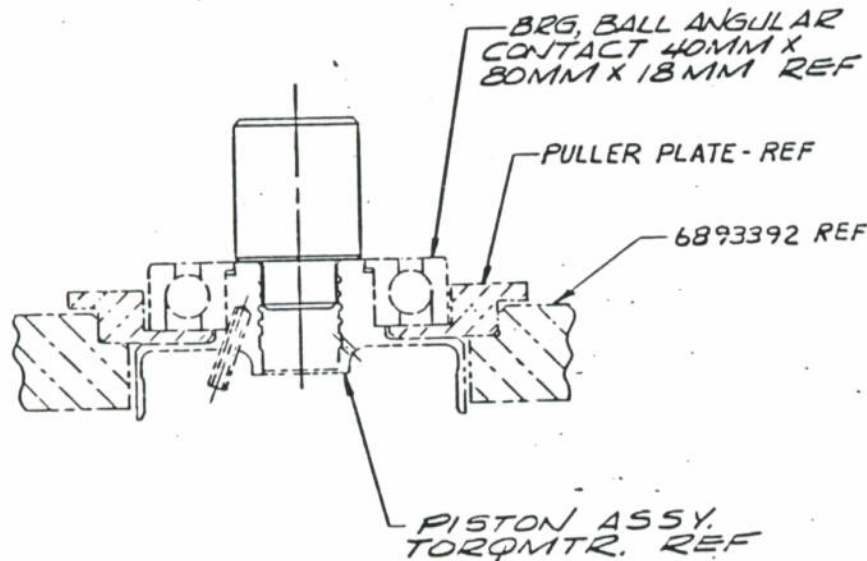


SHOP COPY

RELEASED FOR PROD.
DATE: 10/18/13 INT:

NOTES:

- MARK AS SPECIFIED IN LOCATION SHOWN WITH 1/8-3/16 HIGH FIGURES THE FOLLOWING:
a) THE NAME "ALLISON" FOLLOWED BY THE TOOL NUMBER AND LAST CHANGE LETTER.
b) VENDOR NAME OR TRADEMARK.
- FINISH ALL OVER 63/U.O.S.



These tool drawings are furnished in accord with the terms of the DDA Tools Release Agreement. The aperture cards or drawings are to be maintained in the custody of the recipient and shall not be disclosed to any third party without specific written consent of Detroit Diesel Allison Division or GAC.

GEOMETRIC CHARACTERISTIC SYMBOLS			
<input type="checkbox"/> FLATNESS	\perp PERPENDICULARITY	(M) ON MMC (MAX MATL. CONDITION)	[XXXX] BASIC DIM
<input type="checkbox"/> STRAIGHTNESS	// PARALLELISM	(R) ON RFS (REGARDLESS OF FEATURE SIZE)	
<input type="checkbox"/> ROUNDNESS	\angle ANGULARITY	(S) ON RFS (REGARDLESS OF FEATURE SIZE)	[X] DIAMETER
<input type="checkbox"/> CYLINDRICITY	/ RUNOUT	(A) DATUM IDENT	
<input type="checkbox"/> PROFILE OF A LINE	\oplus TRUE POSITION		
<input type="checkbox"/> PROFILE OF A SURFACE	\ominus CONCENTRICITY		
	\ominus SYMMETRY		

UNLESS OTHERWISE SPECIFIED:

ALL TRUE POSITION TOLERANCES AND RELATED DATUMS MMC.
ALL OTHER FORM AND POSITIONAL TOLERANCES AND RELATED DATUMS RFS.
SEPARATE TRUE POSITION CALLOUTS MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCE.
RUNOUTS ARE CIRCULAR.

BREAK SHARP EDGES .020 U.O.S.

UNLESS OTHERWISE SPECIFIED		APPROVALS	
TOL. ON ANGLES $\pm 1^\circ$		DRAWN	DATE
TOL. ON 3 PLACE DECIMALS $\pm .010$		CHECKED	
TOL. ON 2 PLACE DECIMALS $\pm .02$		ENGR. 1	
		ENGR. 2	
		ENGR. 3	
		FINAL	
		REVIEW APPROVAL	
MATERIAL		HEAT TREAT AND HARDNESS	
SAE 72 (BRASS)			
SURFACE TREAT.		INSPECTION	

DRAWING PRACTICE			SPEC. SUMMARY	
SURFACE TEXTURE				
SCREW THREADS				
GENERAL SPECIFICATIONS				
SAE 72			LOCAL SPECS. (REF)	
DETROIT DIESEL ALLISON			Division of General Motors Corporation	
INDIANAPOLIS OPERATIONS				
TITLE			APPLICATION: SEE SEPARATE PARTS LIST	
PLUG-BEARING PULLER TORQUEMETER PISTON ASSEMBLY				
MODEL (FIRST USAGE)				
250 SERIES				
SIZE	CODE IDENT	DWG. No.		
C	73342	6893391		
SCALE	1/1		SHEET	

6893391

A